

We claim:

1. A method for the treatment of septic shock conditions in a subject by preventing lethality of said conditions and by reducing severity of symptoms, wherein said septic shock conditions are controlled by the prevention of neutrophil infiltration from blood vessels to underlying tissues, said method comprising administering orally a pharmacologically effective dose of curcumin to said subject at specified time intervals, wherein said effective dosage of curcumin ranges from 40 mg/kg to 60 mg/kg of body weight.
2. A method for the treatment of septic shock conditions in an animal wherein the said method comprises:
- injecting intraperitoneally the bacterial lipopolysaccharide (LPS) solution to an animal, preferably mice of sound health, to induce septic shock,
 - administering orally a pharmacologically effective dose of curcumin prior to and after the said injection of LPS,
 - observing every two to three hours reduction in severity of septic shock symptoms selected from shivering, lethargy, fever, watery eyes, diarrhea and survival of an animal after 8 hours of administering LPS injection,
 - further probing the reduction in neutrophil infiltration from blood vessels to the underlying tissue by staining and microscopic examination for checking the extent of inflammation.
3. A method claimed in claim 2, wherein the pharmacologically effective dose of curcumin ranges from 40mg/kg to 60mg/kg body weight.
4. A method as claimed in claim 2, wherein the pharmacologically effective dose of curcumin is administered two to four hours prior to and simultaneous with LPS administration.

5. A method as claimed in claim 2, wherein the pharmacologically effective dose of curcumin is administered at time intervals of 4, 16, 24, 48 and 72 hours after LPS administration.
6. A method as claimed in claim 2, wherein the pharmacologically effective dose of curcumin is administered at time intervals of 3, 6, 9, 24 and 42 hours after LPS administration
7. The method claimed in claim 2, wherein the said curcumin is administered orally as a suspension in pharmacologically acceptable non-toxic organic solvent or oil.
8. A process as claimed in claim 2 wherein the pharmacologically effective dose of curcumin is optionally administered orally along with an antioxidant preparation.

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